

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electroluminescent display device, comprising:

a first electrode;

a function layer including a luminescent layer; and

a transparent second electrode made of a metal oxide, which are laminated on a substrate in that order, the second electrode formed by varying oxygen concentration while forming the second electrode,

the second electrode having an oxygen concentration in the second electrode varying in the film that varies in a thickness direction, direction of the second electrode, and the oxygen concentration in the a lower portion of the second electrode in a vicinity of an interface between the second electrode and the function layer being having an oxygen concentration lower than an average oxygen concentration in the second electrode.

2. (Currently Amended) The electroluminescent display device according to Claim 1, the oxygen concentration in a lower portion, that is, a portion toward the function layer, the lower portion of the second electrode being lower than the than an oxygen concentration in an upper layer side portion of the second electrode.

3-6. (Canceled)

7. (Original) Electronic equipment, comprising:

the electroluminescent display device according to Claim 1.

8. (New) The electroluminescent display device according to Claim 1, the lower portion of the second electrode having a substantially zero oxygen concentration.